

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 50777/250037	SERIAL NO.: 09/924,037
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Whittaker, et al.	
		FILING DATE: August 7, 2002	GROUP: 2633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VLe	3,883,217	05/13/75	Love et al.			
VLe	3,936,141	02/03/76	Milton			
VLe	4,054,366	10/18/77	Barnoski et al.			
VLe	4,166,946	09/04/79	Chown et al.			
VLe	4,234,969	11/18/80	Singh			
VLe	4,249,266	02/03/81	Nakamori			
VLe	4,301,543	11/17/81	Palmer			
VLe	4,307,933	12/29/81	Palmer et al.			
VLe	4,317,614	03/02/82	Palmer			
VLe	4,366,565	12/28/82	Herskowitz			
VLe	4,367,460	01/04/83	Hodara			
VLe	4,400,054	08/23/83	Biard, et al.			
VLe	4,423,922	01/03/84	Porter			
VLe	4,446,515	05/01/84	Sauer et al.			
VLe	4,457,581	07/03/84	Johnson et al.			
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VLe	4,506,153	03/19/85	Ohno			
VLe	4,543,574	09/24/85	Takagi et al.			
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VLe	4,577,184	03/18/86	Hodara et al.			
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VLe	4,948,218	08/14/90	Kobayashi, et al.			
VLe	5,046,137	09/03/91	Kurobe et al.			
VLe	5,055,827	10/08/91	Philipp			
VLe	5,058,974	10/22/91	Mollenauer			
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VLe	5,181,134	01/19/93	Fatehi et al.			
VLe	5,185,735	02/09/93	Ernst			
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VLe	5,212,577	05/18/93	Nakamura et al.			
VLe	5,222,166	06/22/93	Weltha			
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VLe	5,309,564	05/03/94	Bradley et al.			
NLe	5,315,424	05/24/94	Boden et al.			
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VLe	5,345,230	09/06/94	Jackson, et al.			
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VLe	5,361,262	11/01/94	Cheung			
VLe	5,369,516	11/29/94	Uchida			
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VLe	5,533,153	07/02/96	Ota			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
✓	5,684,899	11/04/97	Ota				
	5,712,932	01/27/98	Alexander et al.				
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	5,717,795	02/10/98	Sharma et al.				
	5,745,479	04/28/98	Burns, et al.				
	5,764,821	06/09/98	Glance				
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	5,793,908	08/11/98	Mizuochi et al.				
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	6,128,111	10/03/00	Roberts				
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6,175,533	01/16/01	Lee, et al.					
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
✓	Appln. 0 069 356 A2	01/12/83	EPO				✓

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FOREIGN PATENT DOCUMENTS							
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16	Appln 0 105 753 A2	04/18/84	EPO			✓	
	Appln 0 164 652 A2	12/18/85	EPO				✓
	Appln 0 231 635 A2	08/12/87	EPO			✓	
	Appln 0 356 090 A2	02/28/90	EPO			✓	
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	EP 0 451 426	10/16/91	EPO				
	EP 0 503 212	09/16/92	EPO				
	Appln 0 739 103 A2	10/23/96	EPO			✓	
	Appln 0 744 797 A1	11/27/96	EPO				✓
	Appln 0 905 936 A2	03/31/91	EPO			✓	
	PUB EP000103873A2	03/28/84	EPO			✓	
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	DE 4331330 A1	09/15/93	Germany				✓
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	7-202921	08/04/95	Japan				✓
	11-331224	03/31/99	Japan				✓
	9-321739	12/12/97	Japan				✓
	11-87823	03/30/99	Japan				✓
10-107773	04/24/98	Japan				✓	
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2,102,232	01/26/83	U.K.				✓	
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		FILING DATE: August 7, 2002	

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	ITU-T Recommendation G.681, Series G: Transmission Systems and Media, Digital Systems and Networks; Functional characteristics of interoffice and long-haul systems using optical amplifiers, including optical multiplexing (10/96)
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	Chart and figures for optical fiber cable and baseband transmission, available at <a href="http://www.microsoft.com/technet/WFW/wfw31/1_ch1.asp">http://www.microsoft.com/technet/WFW/wfw31/1_ch1.asp</a>
	HDR 7.0 2 73; 7.0 Fiber Optic Ethernet - - Types FOIRL and 10 BASE-F available at <a href="http://www.uni-trier.de/infos/ether/ethernet-guide/ethernet-guide.html">http://www.uni-trier.de/infos/ether/ethernet-guide/ethernet-guide.html</a>
✓	3.0 IEEE Acronyms, available at <a href="http://spacey.net/davis/Design_Ethernet_Note.html">http://spacey.net/davis/Design_Ethernet_Note.html</a> , no date.
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	Philip J. Koopman, Jr., and Bhargav P. Upender., "Time Division Multiple Access Without a Bus Master," <u>United Technologies Research Center, UTRC Technical Report RR-9500470</u> (June 1995)





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				FILING DATE: August 7, 2001		GROUP: 2633	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JL	3,887,876	06/03/75	Zeidler				
	3,943,358	03/09/76	Reymond et al.				
	4,435,849	03/06/84	Ilgner et al.				
	4,731,784	03/15/88	Keller et al.				
	4,829,593	05/09/89	Hara				
	4,947,134	08/07/90	Olsson				
	4,958,354	09/18/90	Urakami et al.				
	5,080,505	01/14/92	Epworth				
	5,117,196	05/26/92	Epworth et al.				
	5,296,957	03/22/94	Takahashi et al.				
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JL	GB 2 255 683 A	11/11/92	Great Britain				
	DE 30 07 958	09/17/81	German*			X	
	GB 2 073 877 A	10/21/81	Great Britain				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER: <i>JL</i>				DATE CONSIDERED: 04/07/05			
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\*For English version see related Great Britain Application No. 2 073 877 A







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Sheet

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of

2

Application Number

09/924.037

Filing Date

**August 7, 2001**

**First Named Inventor**

**G. Allan Whittaker**

**Group Art Unit**

2633

**Examiner Name**

50777/250037

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
✓		0 899 161 A1	03/03/1999	Europe		Abstract
		0 350 720 A2 and A3	01/17/2001	Europe		Abstract
		0 414 333 A2 and A3	02/27/1991	Europe		

**Examiner Signature**

**Date Considered**

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A circular stamp from the Office of Intellectual Property and Economic (OIP&E). The text "OIP&E" is curved along the top inner edge, and "JCS" is curved along the right inner edge. The date "AUG 25 2013" is stamped in the center. The word "PATENT" is curved along the bottom left inner edge. Below the stamp, the text "Work Reduction Act of 1996, no" is partially visible.

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First Named Inventor	G. Allan Whittaker
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Group Art Unit	2633
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**Examiner Name**

Attorney Docket Number	50777/250037
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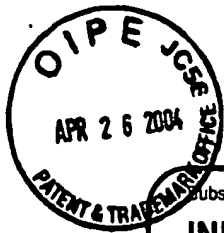
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Application Number	09/924,037
Date Filed:	August 7, 2001
First Named Inventor	Whittaker
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	46635/284565

**U. S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
Jse		4,545,074	10/01/1985	Balliet, et al.	RECEIVED APR 28 2004 Technology Center 2600
		2002/0018260 A1	02/14/2002	Kisovec, et al.	
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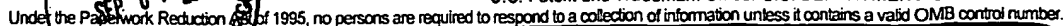
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
Jse		0 380 341 A2	08/01/1990	Europe		
		1 246 378 A2	10/02/2002	Europe		

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Jse		International Search Report in related Application No. PCT/US03/30326	
		International Search Report in related Application No. PCT/US03/29970	

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09/924037

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**First Named Inventor**

**G. Allan Whittaker**

**Group Art Unit**

2633

Examiner Name

**KIZOU, Hassan**

Attorney Docket Number

**50777/250037**

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